

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

FINAL

Conditional Major / Synthetic Minor, Operating
Permit: F-07-017

Ensign-Bickford Aerospace & Defense Company
Graham, KY 42344

September 20, 2007

Donald Newell, Reviewer

SOURCE ID: 21-177-00079

SOURCE A.I. #: 40689

ACTIVITY ID: APE20070001

SOURCE DESCRIPTION:

On February 16, 2007, Ensign-Bickford Aerospace & Defense Company applied to the Division for the operation of a Small Arms Ammunition Manufacturing facility in Graham, Kentucky.

Two (2) processes, MAPO (Tris-1-(2, Methyl Aziridinyl) Phosphine Oxide) and glycidyl azide polymer (GAP), were identified at this facility.

Potential emissions of a single hazardous air pollutant (HAP) exceed 10 tons per year, and combined HAP emissions exceed 25 tons per year. To preclude the applicability of 401 KAR 52:020, *Title V permits*, the permittee has elected to accept source wide limits as follows: 9 TPY for a single HAP, 22.5 TPY for combined HAPs and 90 TPY for VOCs. Compliance with these limits shall also make the requirements of 401 KAR 51:017, *Prevention of Significant Deterioration of Air Quality*, not applicable to this source.

PUBLIC, EPA, AND AFFECTED STATE REVIEW:

On August 1, 2007, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in the *Central City Leader News* in Graham, Kentucky. No states are affected by this permit action. The public comment period expired 30 days from the date of publication. Comments were received from Kenneth C. Jones, the Regulatory Compliance Manager at Ensign-Bickford Aerospace & Defense Company, on August 28, 2007. Minor changes were made to the permit as a result of the comments received, however the Division has concluded that the proposed operation will comply with all air quality regulations and requirements. The permit is now being issued final.